

II. CLAIM AMENDMENTS

1. (Currently Amended) A keyboard arrangement including several keys for inputting characters by pressing the keys, and wherein at least one key is used for entering at least two different characters, the keyboard arrangement comprising:

at least one key actuatable in at least two different ways depending on a pressure distribution thereon;

a detector for detecting at the pressure distribution on the at least one key; and

a processor operable to determine unambiguously, a first candidate group of at least one alphabetic character candidate based on the pressure distribution, and to perform a first comparison of the first candidate group of alphabetic characters candidate to a storage of words of a defined language, and to accept one of the alphabetic characters of the first candidate group of alphabetic characters candidate as a desired character if the first comparison is successful,

wherein the processor is further operable to unambiguously select a second candidate group of at least one alphabetic character candidate based on the pressure distribution if the first comparison is unsuccessful, and to perform a second comparison of the second candidate group of alphabetic characters candidate to the set of stored words.

2. (Previously Amended) The keyboard arrangement of claim 1, wherein the first and second comparisons include performing linguistic disambiguation.

3. (Previously Amended) The keyboard arrangement of claim 1, further comprising substantially a QWERTY-keyboard.

4. (Previously Amended) The keyboard arrangement of claim 1, wherein the detector includes at least two pressure sensitive and/or touch sensitive detectors attached to different locations of the key.

5. (Previously Amended) The keyboard arrangement of claim 1, wherein the detector includes a movement sensitive detector attached to the key.

6. (Previously Amended) The keyboard arrangement of claim 1, wherein the at least one key is triangular in shape or has three arms.

7. (Previously Amended) The keyboard arrangement of claim 6, wherein the detector includes means for detecting the pressure of the alternative corners/arms of the key.

8. (Original) A keyboard arrangement in accordance with claim 1, characterised in that the keys form two rows of keys and the keys of the two rows are interlaced.

9. (Original) A keyboard arrangement in accordance with claim 8, characterised in that the keys form a first row of keys and a second row of keys, the two rows of keys comprising three rows of characters marked on the keys, wherein the upmost row of characters is marked to the first row of keys, the middle row of characters is marked alternately to the first and the second row of keys and the lowest row of characters is marked to the second row of keys.

10. (Original) A keyboard in accordance with claim 1, characterised in that it is a keyboard of a mobile station.

11. (Original) A keyboard in accordance with claim 1, characterised in that it is a keyboard of a computer.

12. (Currently Amended) A method for inputting characters with a keyboard comprising:

unambiguously determining a first character candidate group of at least one alphabetic character from a pressure distribution on a key actuatable in at least two different ways depending on the pressure distribution;

comparing the first character candidate group of at least one alphabetic character to a set of stored words;

accepting one of the alphabetic characters of the first character candidate group of alphabetic characters as a desired character if the comparison of the first character candidate to the set of stored words is successful;

unambiguously determining a second character candidate group of at least one alphabetic character from the pressure distribution on the key if the comparison of the first character candidate group of at least one alphabetic character to the set of stored words is unsuccessful; and

performing a comparison of the second character candidate group of at least one alphabetic character to the set of stored words.

13. (Previously Amended) The method of claim 12, wherein the pressure distribution is provided by pressing alternative corners and/or arms of a key.

14. (Cancelled)

15. (Currently Amended) The method of claim 12, wherein comparing the first and second ~~character candidates~~candidate groups to the set of stored words comprises applying an algorithm based on comparison with known vocabulary, probability of successive characters, frequency of words in language, sentence structure, topic and/or paragraph context.

16. (Previously Amended) A method in accordance with claim 12, characterised in that it is applied with a QWERTY-keyboard.

17. (Previously Amended) The method of claim 12, wherein the key is on a mobile station.

18. (Previously Amended) The method of claim 12, wherein the key is on a computer.

19. (New) A method for recognizing a character from a pressed key on a keyboard comprising:

selecting a first character as an evaluation character from a plurality of characters as a result of a pressure distribution on a key capable of a plurality of actuations depending on the pressure distribution;

performing a first comparison of the evaluation character to a character string and automatically accepting the evaluation character as the recognized character if the first comparison results in the evaluation character being approved;

performing a second comparison of the evaluation character to the character string and to words and rules of a language and automatically accepting the evaluation

character as the recognized character if the second comparison results in the first character being approved; and

performing a third comparison of the evaluation character to at least one of sentence context, syntax, structure and language and automatically accepting the evaluation character if the third comparison results in the first character being approved.

20. (New) The method of claim 19 further comprising:

automatically selecting a second character of the plurality of characters as the evaluation character if the first, second, and third comparisons do not result in approval; and

repeating the method of claim 19.

21. (New) The method of claim 20 further comprising asking a user to verify one of the plurality of characters if the first, second, and third comparisons do not result in approval.

C
1
(concluded)